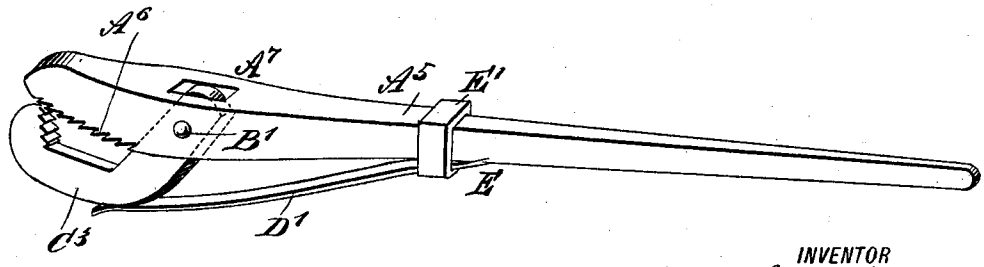
(No Model.)

E. B. CHARLET.

PIPE WRENCH.

No. 591,325. Patented Oct. 5, 1897.



WITNESSES:

Paul Charlet

Geo. J. Foster, Jr.

INVENTOR

E. B. Charlet

BY

ATTORNEYS.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EDWARD BERNHARD CHARLET, OF KEWANEE, ILLINOIS.

PIPE-WRENCH.

SPECIFICATION forming part of Letters Patent No. 591,325, dated October 5, 1897.

Application filed January 2, 1897. Serial No. 617,738. (No model.)

To all whom it may concern:

Be it known that I, EDWARD BERNHARD CHARLET, of Kewanee, in the county of Henry and State of Illinois, have invented a new and Improved Pipe-Wrench, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved pipe-wrench which is simple and durable in construction, readily applied, and arranged to grip pipes, rods, and the like of different diameters.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claim.

Reference is to be had to the accompanying drawing, forming a part of this specification, in which the figure is a perspective view of my improvement.

My improved pipe-wrench is provided with a curved stock A^5, formed at its end, with serrations or teeth A^6. An opening A^7 is made in the stock A^5, extending therethrough from top to bottom, such opening being located in the rear of the serrated portion of the stock. In this opening A^7 is held on a pivot B' a jaw-hook C^3, curved in a forward direction and provided with teeth arranged to operate in conjunction with the teeth A^6 on the stock. A notch E is provided on the stock, and a spring D' has one end in engagement with the notch, the free end of said spring pressing against the jaw-hook C^3 to throw said hook forward and into engagement with the pipe or like article to be gripped. I employ a sleeve E' to hold the spring D' in the notch E, the sleeve E' being slipped over the smaller end of the stock and forced over the end of the spring, as clearly shown in the drawings.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

A pipe-wrench comprising a stock formed with a handle, a curved end having teeth on its outer edge, a notch in said edge in the rear of the teeth, and an opening between said teeth and notch, a hook-shaped jaw pivoted in said opening and extending forwardly having its end formed with teeth arranged to operate in conjunction with the teeth on said stock, a spring engaging said notch and having its free end bearing against said jaw to close the same, and a sleeve fitting over said stock and forced to engage said spring whereby the tension of the spring is increased as the sleeve is forced over the same, as and for the purpose set forth.

EDWARD BERNHARD CHARLET.

Witnesses:

JULIUS CHARLET,

GUSTAV GUTSCHLAG.